(c) 4 DEC 1975

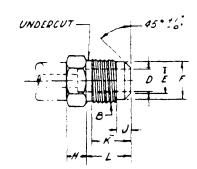
OF SEPT 1967 (B) 8 MAY 1970

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REVISED

901AN 58

APPROVED



FLARE	THREAD B	PITCH DIR	HEX C MIN	D-DIA	DIA E	DIA	LENGTN H	LENGTH L	J	MIN FULL THREAD K
1/4	1/4-20	.39954037	.4375	./88	.219	.344	.180	.500	.160	.410
3/8	5/8 - 18	.58285875	.625	.281	. 3/2	.53/	.240	.620	.220	.540
1/2	34 - 16	.7029 .7079	. 150	.406	.438	.641	.300	.750	.250	.660
5/8	78 - 14	.8216 - 8270	.875	.500	.53/	.750	.370	.880	.280	.760
3/4	11/2-14	1.0092 1.0145	1.0625	.625	. 7/9	.938	.430	1.000	. 280	.900

- 1. THE FLARE SIZE CORRESPONDS TO THE NOMINAL OUTSIDE DIAMETER OF THE TUBING.
- 2. ALL DIMENSIONS IN INCHES.
- 3. FITTING SEATS SHALL BE CONCENTRIC WITH STRAIGHT THREAD PITCH DIAMETERS WITHIN 0.010 INCH FULL INDICATOR READING.
- TOLERANCES ON DIMENSIONS NOT OTHERWISE LIMITED SHALL BE PLUS OF MINUS 0.010 INCH.
- 5. MINIMUM ACKOSS CORNER DIMENSIONS OF HEXAGONS SHALL BE 1.092 TIMES THE NOMINAL WIDTH ACROSS PLATS OF THE HEXAGON.
- 6. THE DEPTH OF DIMENSION I SHALL NOT EXCEED DIMENSION L FILES ONE HALF
- C 7. FITTING TO BE IN CONFORMANCE WITH SAEJ513E AND ANSI 870.1 (1969).
 - Undercut optional on 1/2, 5/8 and 3/4 FLARE SIZES ONLY. WHEN UNDERCUT, DIMENSION K HAY BE SHOPTENED BY 1/2 FITCH.
 - FOP DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUPEMENT DOCUMENTS REFERENCED HEREIN.
 - 10. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON THE DATE OF INVITATION FOR BIDS OF REQUEST FOR PROPOSAL.

THIS IS A DESIGN STANDARD AND SHALL NOT BE USED AS A PART NUMBER

P.A. ARMY GL	TITLE	MILITARY STANDARD			
Other Cust NAVY YO USAF 82	CONNECTION LND. EXTERNAL FLARE, REFRIGERATION	MS 35873			
PROCUREMENT SPECIFICATION NONE	SUPERSEDES	SHEET / OF /			

(E.7.2)

MINE & 15

> by all Departments and Agencies rall new engineering and design stade from this document. This military standard is mandatory for use by of the Department of Defense. Selection for applications and for repetitive use shall be

MS 35873C NOTICE 1 31 October 1986

MILITARY STANDARD

CONNECTION END, EXTERNAL FLARE, REGRIGERATION

Military standard MS 35873C dated 4 December 1975 has been reviewed and determined to be current.

Custodians

Preparing Activity: Army - GL

Army - GL Navy - YD Air Force 99

Review Activities

Army MI DLA - CS